

**RETICULATED GATE CCD PIXEL WITH DIAGONAL STRAPPING  
ABSTRACT OF THE INVENTION**

A sensor includes an array of pixels organized in rows and columns and a plurality of metal busses overlaying the array of pixels. A first column of pixels includes a proximal set of first pixels and a distal set of first pixels separated by a first jog region. A second column of pixels includes a proximal set of second pixels and a distal set of second pixels separated by a second jog region. The first jog region is displaced in a column direction and in a lateral direction transverse to the column direction from the second jog region. A first metal bus is insulatively disposed over both the first and second jog regions.